



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	BASE SERVICE ARCHITECTURES FOR NETCENTRIC COMPUTING SYSTEMS						
Application Number:	09/677074						
Confirmation Number:	2139						
First Named Applicant:	Scott Sargent						
Attorney Docket Number:	1002241						
Art Unit:	2155						
Examiner:	Mr. Michael Young Won						
Search string:	(6662357 or 6640249 or 6615258 or 6598046 or 6584466 or 6529948 or 6523027 or 6418430 or 6405364 or 6401097 or 6256773 or 6185573 or 6144975 or 6112304 or 6061695 or 6038560 or 6029192 or 6023698 or 6012071 or 6006171 or 5933582 or 5924096 or 5905868 or 5892905 or 5877759 or 5860012 or 5859969 or 5835090 or 5805785 or 5799297 or 5781732 or 5761071 or 5758150 or 5745753 or 5742829 or 5737533 or 5710915 or 5619716 or 5956479 or 5590270 or 5535388 or 5495610 or 4809170 or 6457066 or 6385655 or 6366912 or 6321263 or 6067577 or 5911071 or 5602997).pn.						
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US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
www	1	6662357	2003-12-09	Bowman Amuah	B1	717	120
www	2	6640249	2003-10-28	Bowman Amuah	B1	709	228
www	3	6615258	2003-09-02	Barry	B1	709	223
www	4	6598046	2003-07-22	Goldberg	B1	707	5
www	5	6584466	2003-06-24	Serbinis et al	B1	707	10
www	6	6529948	2003-03-04	Bowman Amuah	B1	709	217
www	7	6523027	2003-02-18	Underwood	B1	707	4
www	8	6418430	2002-07-09	DeFazio et al	B1	707	3
www	9	6405364	2002-06-11	Bowman Amuah	B1	717	101

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10	6401097	2002-06-04	McCotter et al	B1	707	102
11	6256773	2001-07-03	Bowman Amuah	B1	717	1
12	6185573	2001-02-06	Angelucci et al	B1	707	104
13	6144975	2000-11-07	Harris Jr et al		707	901
14	6112304	2000-08-29	Clawson		713	156
15	6061695	2000-05-09	Slivka et al		707	513
16	6038560	2000-03-14	Wical		707	5
17	6029192	2000-02-22	Hill et al		709	206
18	6023698	2000-02-08	Lavey Jr et al		707	10
19	6012071	2000-01-04	Krishna et al		707	522
20	6006171	1999-12-21	Vines et al		702	184
21	5933582	1999-08-03	Yamada		395	114
22	5924096	1999-07-13	Draper et al		707	10
23	5905868	1999-05-18	Baghai et al		395	20054
24	5892905	1999-04-06	Brandt et al		395	18701
25	5877759	1999-03-02	Bauer		345	339
26	5860012	1999-01-12	Luu		395	712
27	5859969	1999-01-12	Oki et al		395	2003
28	5835090	1998-11-10	Clark et al		345	339
29	5805785	1998-09-08	Dias et al		395	18202
30	5799297	1998-08-25	Goodridge et al		707	1
31	5781732	1998-07-14	Adams		395	20035
32	5761071	1998-06-02	Bernstein et al		364	47907
33	5758150	1998-05-26	Bell et al		395	610
34	5745753	1998-04-28	Mosher Jr		395	618
35	5742829	1998-04-21	Davis et al		395	712
36	5737533	1998-04-07	deHond		395	20049
37	5710915	1998-01-20	McElhiney		395	603
38	5619716	1997-04-08	Nonaka et al		395	800
39	5956479	1999-09-21	McInerney et al		395	18314
40	5590270	1996-12-31	Tsukuda		395	701
41	5535388	1996-07-09	Takeda		395	650
42	5495610	1996-02-27	Shing et al		395	600
43	4809170	1989-02-28	Leblang		364	200
44	6457066	2002-09-24	Mein et al	B1	709	330
45	6385655	2002-05-07	Smith et al	B1	709	232
46	6366912	2002-04-02	Wallent et al	B1	707	9
47	6321263	2001-11-20	Luzzi et al	B1	709	224



	48	6067577	2000-05-23	Beard	709	305
	49	5911071	1999-06-08	Jordan	395	701
	50	5602997	1997-02-11	Carpenter et al.	395	349

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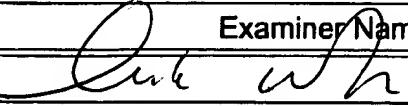
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Signature

Examiner Name	Date
	11/11/04



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US Patent Documents					
Note: Applicant is not required to submit a paper copy of cited US Patent Documents					
init	Cite.No.	Patent No.	Date	Patentee	Kind
1	6742015	2004-05-05	Bowman Amuah		
2	6715145	2004-03-30	Bowman Amuah	B1	
3	6707812	2004-03-16	Bowman Amuah	B1	
4	6704303	2004-03-09	Bowman Amuah	B1	
5	6697824	2004-02-24	Bowman Amuah	B1	
6	6640244	2003-10-28	Bowman Amuah	B1	
7	6640238	2003-10-28	Bowman Amuah	B1	
8	6636242	2003-10-21	Bowman Amuah	B2	
9	6615253	2003-09-02	Bowman Amuah	B1	

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10	6615199	2003-09-02	Bowman Amuah	B1
11	6611867	2003-08-26	Bowman Amuah	B1
12	6606660	2003-08-12	Bowman Amuah	B1
13	6601234	2003-07-29	Bowman Amuah	B1
14	6601192	2003-07-29	Bowman Amuah	B1
15	6578068	2003-07-10	Bowman Amuah	B1
16	6571282	2003-05-27	Bowman Amuah	B1
17	6556659	2003-04-29	Bowman Amuah	B1
18	6550057	2003-04-15	Bowman Amuah	B1
19	6549949	2003-04-15	Bowman Amuah	B1
20	6542593	2003-04-01	Bowman Amuah	B1
21	6539396	2003-03-25	Bowman Amuah	B1
22	6529909	2003-03-04	Bowman Amuah	B1
23	6496850	2002-12-17	Bowman Amuah	B1
24	6477665	2002-11-05	Bowman Amuah	B1
25	6477580	2002-11-05	Bowman Amuah	B1
26	6449588	2002-09-10	Bowman Amuah	B1
27	6442748	2002-08-27	Bowman Amuah	B1
28	6442547	2002-08-27	Bowman Amuah	B1
29	6438594	2002-08-20	Bowman Amuah	B1
30	6434628	2002-08-13	Bowman Amuah	B1
31	6434568	2002-08-13	Bowman Amuah	B1
32	6427132	2002-07-30	Bowman Amuah	B1
33	6426948	2002-07-30	Bowman Amuah	B1
34	6370573	2002-04-09	Bowman Amuah	B1
35	6345239	2002-02-05	Bowman Amuah	B1
36	6339832	2002-01-15	Bowman Amuah	B1
37	6332163	2001-12-18	Bowman Amuah	B1
38	6324647	2001-11-27	Bowman Amuah	B1
39	6195697	2001-02-27	Bowman Amuah	B1
40	6147975	2000-11-14	Bowman Amuah	B1
41	6081518	2000-06-27	Bowman Amuah	B1
42	6502213	2002-12-31	Bowman Amuah	B1

US Published Applications

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init	Cite. No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
nmw	1	20010052108	2001-12-13	Bowman Amuah			
nmw	2	20020120553	2002-08-29	Bowman Amuah			
nmw	3	20020133328	2002-09-19	Bowman Amuah			
nmw	4	20030058277	2003-03-27	Bowman Amuah			
nmw	5	20040030705	2004-02-14	Bowman Amuah			
nmw	6	20040030749	2004-02-14	Bowman Amuah			

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Remarks

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Signature

Examiner Name	Date
<i>Bowman</i>	11/1/04

FORM PTO-1449	SERIAL NO. 09/677,074	CASE NO. 10022/041
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	FILING DATE September 29, 2000	GROUP ART UNIT 2183
(use several sheets if necessary)	APPLICANT(S): Scott R. Sargent	

REFERENCE DESIGNATION U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
			O I P E	501A	SEP 15 2004

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER Number-Kind Code (if known)	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION YES OR NO
mmw	A1 EP 0520923 A2	12/30/1992	Europe	G06F 15/21	
mmw	A2 EP 0697655 A2	02/21/1996	Europe	G06F 9/46	
mmw	A3 EP 0697691 A2	02/21/1996	Europe	G09G 5/14	
mmw	A4 EP 0769739 A2	04/23/1997	Europe	G06F 9/44	
mmw	A5 EP 0810520 A1	12/03/1997	Europe	G06F 9/44	
mmw	A6 EP 0829808 A2	03/18/1998	Europe	G06F 13/38	
mmw	A7 EP 0915422 A1	05/12/1999	Europe	G06F 11/22	
mmw	A8 GB 2315891 A	02/11/1998	United Kingdom	G06F 17/30	
mmw	A9 WO 92/20022	11/12/1992	PCT	G06F 1/00	
mmw	A10 WO 97/12311	04/03/1997	PCT	G06F	
mmw	A11 WO 98/52121	11/19/1998	PCT	G06F 11/32	
mmw	A12 WO 98/53396	11/26/1998	PCT	G06F 9/44	
mmw	A13 WO 98/54660	12/03/1998	PCT	G06F 17/30	
mmw	A14 WO 98/57260	12/17/1998	PCT	G06F 9/44	
mmw	A15 WO 99/38079	07/29/1999	PCT	G06F 13/00	

EXAMINER INITIAL	OTHER ART – NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)	
mmw	A16	Billy B.L. Lim, "Teaching web development technologies in CS/IS curricula," ACM, copyright 1998, pp. 107-111
mmw	A17	Litoiu et al., "A performance engineering tool and method for distributed applications," ACM, pp. 1-14
mmw	A18	Zoller et al., "A toolkit for an automatic, data dictionary based connection of databases to the WWW," ACM, copyright 1998, pp. 706-718
mmw	A19	McDowell et al., "Unloading Java classes that contain static fields," ACM, v. 33(1), 10/15/1997, pp. 56-60
mmw	A20	Orfali, R., Harkey, D., "Client/Server Programming with OS/2 2.0 (2nd Ed.)" 1992, Van Nostrand Reinhold New York, U.S., pp. 10-24, 111-137, 149-160, 588-594, XP002164217, ISBN 0-442-01219-5
mmw	A21	Orfali, R., Harkey, D., Edwards, J., "Intergalactic Client/Server Computing," Byte, McGraw-Hill, Inc., St. Peterborough, U.S., Vol. 20, No. 4, 1 April 1995, pp. 108-110, 114, 11, XP000501823, ISSN: 0360-5280;
mmw	A22	Smeets, J., Boyer, S., "Internet and Client Server Patent Information Systems: New Services from Derwent," World Patent Information, GB, Elsevier Sciences Publishing, Barking, Vol. 20, No. 2, June 1998, pp. 136-139, XP004165804, ISSN 0172-2190
mmw	A23	Orfall, R., Harkey, D., "Client/Server With Distributed Objects," Byte, McGraw-Hill, Inc., St. Peterborough, U.S., Vol. 20, No. 4, 1 April 1995, pp 151-152, 154, 156, XP000501827, ISSN 0360-5280

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<i>luk w m</i>	11/11/04

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EXAMINER INITIAL <i>lpe</i> SEP 15 2004 <i>mur</i>	OTHER ART - NON PATENT LITERATURE DOCUMENTS (Include name of author, title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date page(s), volume-issue number(s), publisher, city and/or country where published.)	
	A24	Aoyama, M., Hanai, Y., Suzuki, M., "An Integrated Software Maintenance Environment: Bridging Configuration Management and Quality Management," Proceedings of the Conference on Software Maintenance, International Conference on Software Maintenance, Washington, US, IEEE Computer Society Press, 24 October 1988 pp. 40-44
	A25	Borsook, P., "Seeking Security. Mainframe Techniques Define System Security. Soon, they'll be Adapted To Distributed Client/Server Systems." Byte, McGraw-Hill, Inc., St. Peterborough, Vol. 18, No. 6, 1 May 1993, pp. 119-122, 124, 12, XP000359327, ISSN 0360-5280.
	A26	Tanenbaum, A., "Computer Networks - Third Edition," Prentice-Hall International, London, GB, 1996, pp. 28-39, XP002161723
	A27	Blakeley, J.A., "Universal Data Access with OLE DB," Proceedings of IEEE Compcon, U.S. Los Alamitos, IEEE Computer Society Press, 23 Feb. 1997, pp. 2-7
	A28	IBM Technical Disclosure Bulletin, "Security, License Management and Application Metering Process for Controlling Applications in the DOS Environment," IBM Corp., New York, US, Vol. 37, No. 11, pp 195-199, 1 Nov. 1994
	A29	Voth, G.R., Kindel, C., Fujioka, J., "Distributed Application Development for Three-Tier Architectures: Microsoft on Windows DNA," IEEE Internet Computing Vol. 2, No. 2, March/April 1998, USA
	A30	Lambert, N., "A New Patent Search Tool For The Internet. Q-PAT US." Database, US, Cincinnati, Vol. 19, No. 4, 1 August 1996
	A31	Abdel-Mottaleb, M., Hsiang-Lung, W., Dimitrova, N., "Aspects of Multimedia Retrieval," Philips Journal of Research, NL, Elsevier, Amsterdam, Vol. 50, No. 1, 1996, pp. 227-251
	A32	Olson, M.A., "DataBlade extensions for INFORMIX-Universal Server," Compcon '97 Proceedings, IEEE, 1997, pp. 143-148
	A33	Chamberlin, D.D., "Evolution of Object-Relational Database Technology in DB2," Compcon '97 Proceedings, IEEE, 1997, pp. 131-135
	A34	Nori, A.K., Kumar, S., "Bringing Objects to the Mainstream," Compcon '97 Proceedings, IEEE, 1997, pp. 136-142
	A35	"Data Joiner: A Multidatabase Server Version 1," White Paper, IBM Data Management Solutions, IBM, USA, second edition (May 1995)
	A36	"Effective Systems management for DB2 Universal Database," White Paper, IBM Data Management Solutions, IBM, USA, first edition (December 1996)
	A37	Pleas, K., "Ole's Missing Links," BYTE, McGraw-Hill Inc., St. Peterborough, US, Vol. 21, No. 4, 1 April 1996, pp. 99-102 X-000586036, ISSN 0360-5280
	A38	Burke, M.G., Chol, J.D., Fink, S., Grove, D., Hind, M., Sarkar, V., Serrano, M.J., Sreedhar, V.C., Srinivasan, H., "The Jalapeno Dynamic Optimizing Compiler for Java," Java '99, San Francisco, CA, US, ACM 12 June 1999, pp. 129-141 XP002134655
	A39	Cramer, T., Friedman, R., Miller, T., Seberger, D., Wilson, R., Wolczko, M., "Compiling Java Just in Time," IEEE Micro, IEEE Inc., New York, US, Vol. 17, No. 3, 1 May 1997, pp. 36-43 XP000656035, ISSN: 0272-1732
	A40	Bank, J.S., "Java Security," 8 December 1995, pp. 1-13, X-002092325
	A41	Koved, L., Nadalin, A.J., Neal, D., Lawson, T., "The Evolution of Java Security," IBM, The Ultimate Resource for Java Developers, 1998, pp. 1-14, XP002144222
	A42	North, K., "Database Programming with OLE and ActiveX," DBMS, US, M&T Publ., Redwood City, CA, US, 11-1996, pp. 1-8

EXAMINER <i>lpe</i>	DATE CONSIDERED <i>11/1/04</i>
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